

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF120925AR\  
 Data File : FF016882.D  
 Signal(s) : FID2B.ch  
 Acq On : 09 Dec 2025 16:56  
 Operator : YP\AJ  
 Sample : 20 PPM AROMATIC HC STD  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Instrument :  
 FID\_F  
 ClientSampleId :  
 20 PPM AROMATIC HC STD

Manual Integrations  
 APPROVED

Reviewed By :Rahul Chavli 12/10/2025  
 Supervised By :Yogesh Patel 12/10/2025

Integration File: autoint1.e  
 Quant Time: Dec 10 03:44:39 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aromatic EPH 112625.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Dec 01 08:18:58 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal Phase : Rxi-1ms  
 Signal Info : 20M x 0.18mm x 0.18µm

| Compound                           | R.T.   | Response   | Conc Units    |
|------------------------------------|--------|------------|---------------|
| -----                              |        |            |               |
| System Monitoring Compounds        |        |            |               |
| 4) S 2-Bromonaphthalene (S...      | 7.999  | 2389280    | 20.837 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 41.67%        |
| 6) S 2-Fluorobiphenyl (SURR)       | 8.875  | 1477946    | 20.851 ug/ml  |
| Spiked Amount 50.000 Range 0 - 131 |        | Recovery = | 41.70%        |
| 11) S ortho-Terphenyl (SURR)       | 11.941 | 3016770    | 20.501 ug/ml  |
| Spiked Amount 50.000               |        | Recovery = | 41.00%        |
| Target Compounds                   |        |            |               |
| 1) T 1,2,3-Trimethylbenzen...      | 4.593  | 2805085    | 20.416 ug/ml  |
| 2) T Naphthalene (C11.7)           | 6.269  | 2815798    | 20.703 ug/ml  |
| 3) T 2-Methylnaphthalene (...)     | 7.369  | 2848680    | 21.048 ug/ml  |
| 5) T Acenaphthylene (C15.06)       | 8.674  | 2832764    | 20.709 ug/ml  |
| 7) T Acenaphthene (C15.5)          | 8.974  | 2886207    | 20.111 ug/ml  |
| 8) T Flouorene (C16.55)            | 9.764  | 2750060    | 20.717 ug/ml  |
| 9) T Phenanthrene (C19.36)         | 11.171 | 2726371    | 20.992 ug/ml  |
| 10) T Anthracene (C19.43)          | 11.247 | 2801978    | 22.020 ug/ml  |
| 12) T Fluoranthene (C21.85)        | 12.996 | 2774305    | 21.137 ug/ml  |
| 13) T Pyrene (C20.8)               | 13.294 | 2783306    | 21.134 ug/ml  |
| 14) T Benzo[a]anthracene (C...     | 15.180 | 2276105    | 21.145 ug/ml  |
| 15) T Chrysene (C27.41)            | 15.221 | 2732536    | 19.750 ug/ml  |
| 16) T benzo[b]fluoranthene ...     | 16.743 | 2221607    | 18.809 ug/ml  |
| 17) T Bnezo[k]fluoranthene ...     | 16.773 | 2359059    | 18.304 ug/ml  |
| 18) T Benzo[a]pyrene (C31.34)      | 17.124 | 2112847    | 17.565 ug/ml  |
| 19) T Indeno[1,2,3-cd]pyren...     | 18.501 | 1710162    | 17.295 ug/ml  |
| 20) T Dibenz[a,h]anthracene...     | 18.540 | 2394342    | 15.161 ug/mlm |
| 21) T Benzo[g,h,i]perylene ...     | 18.755 | 2125985    | 16.738 ug/ml  |
| -----                              |        |            |               |

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ  
Sample : 20 PPM AROMATIC HC STD  
Misc :  
ALS Vial : 61 Sample Multiplier: 1

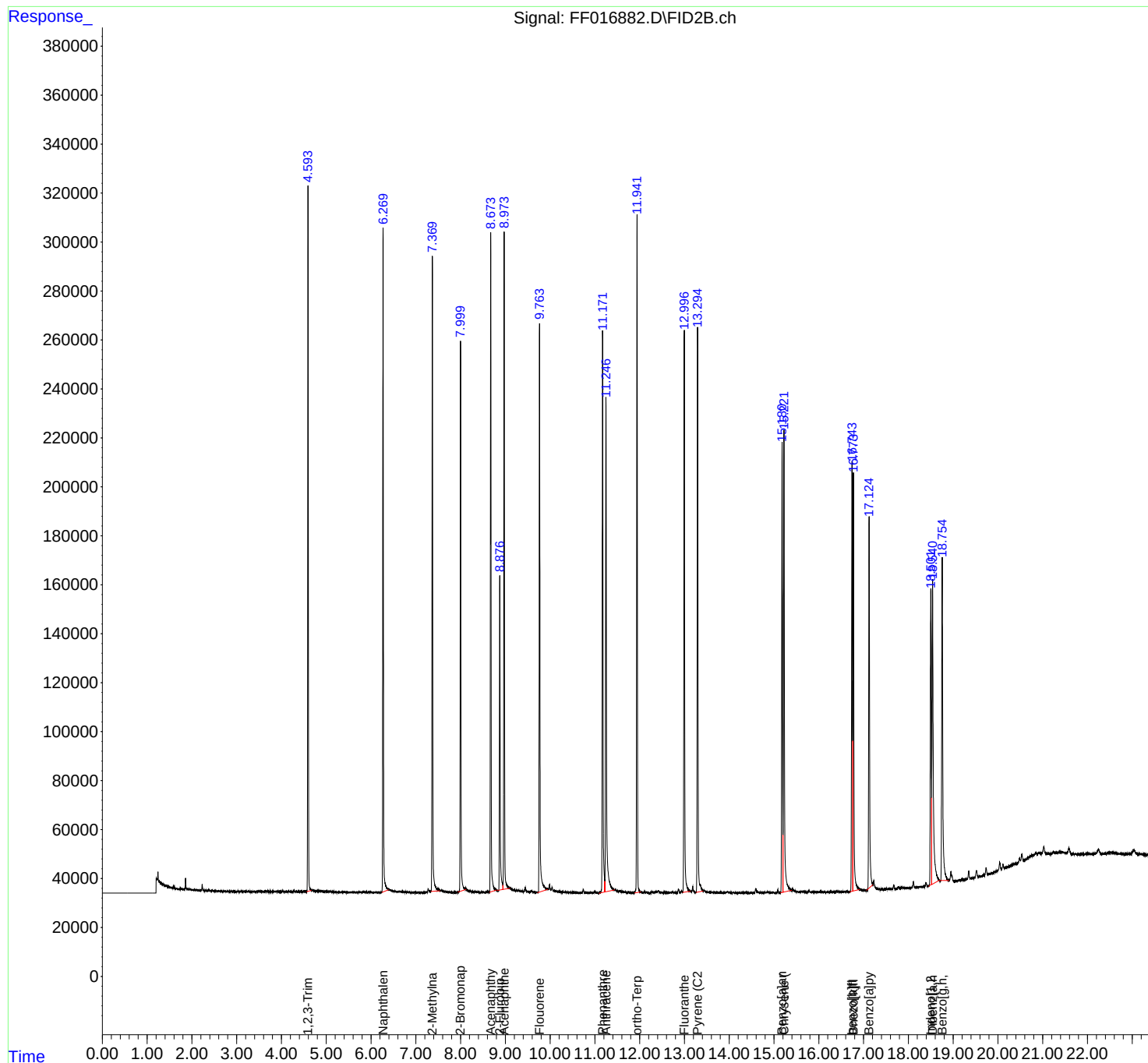
Instrument :  
FID\_F  
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20 PPM AROMATIC HC STD

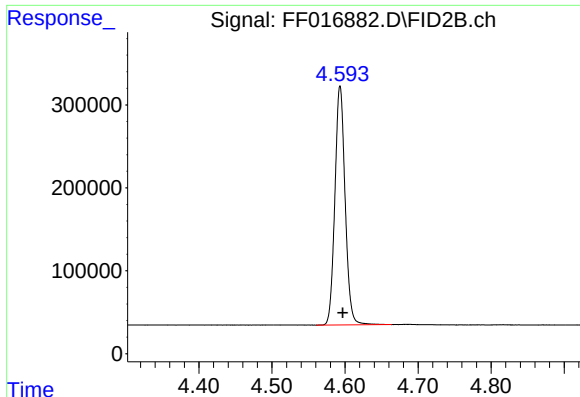
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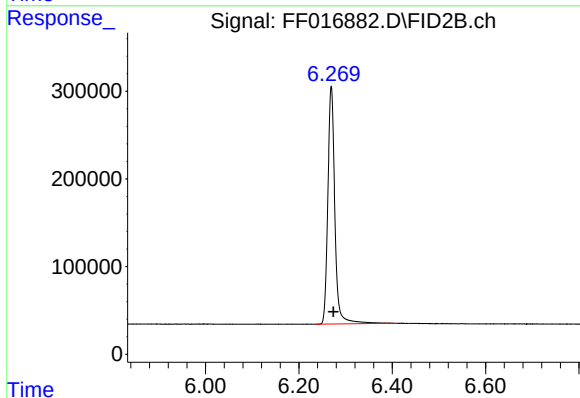
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.593 min  
Delta R.T.: -0.004 min  
Response: 2805085  
Conc: 20.42 ug/ml

Instrument :  
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ClientSampleId :  
20 PPM AROMATIC HC STD

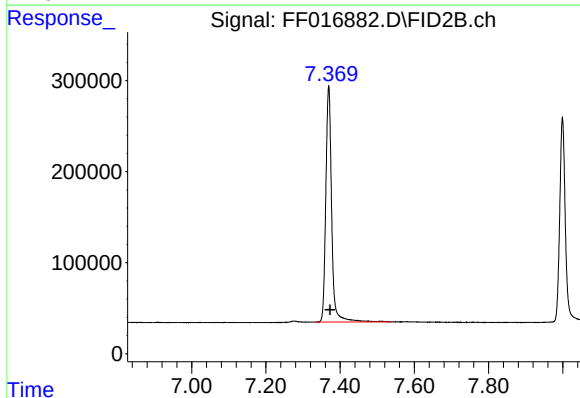
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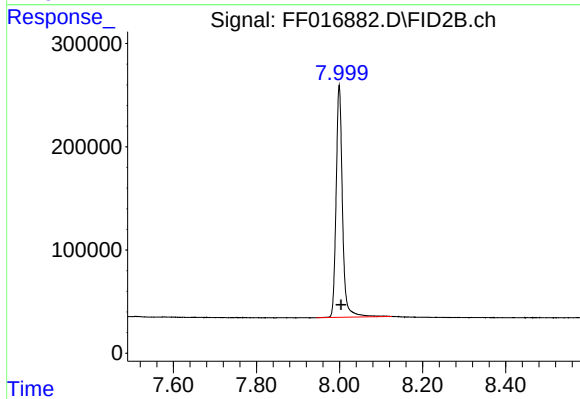
#2 Naphthalene (C11.7)

R.T.: 6.269 min  
Delta R.T.: -0.004 min  
Response: 2815798  
Conc: 20.70 ug/ml



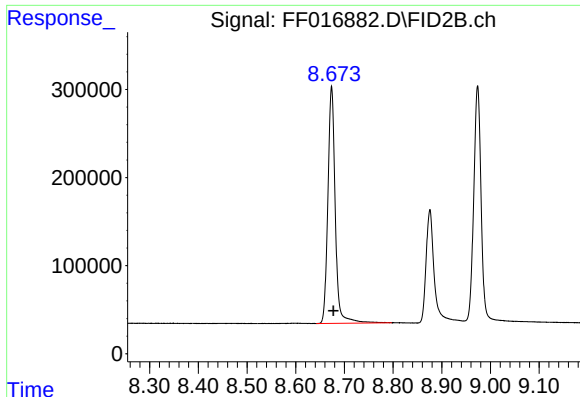
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.369 min  
Delta R.T.: -0.004 min  
Response: 2848680  
Conc: 21.05 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.999 min  
Delta R.T.: -0.004 min  
Response: 2389280  
Conc: 20.84 ug/ml



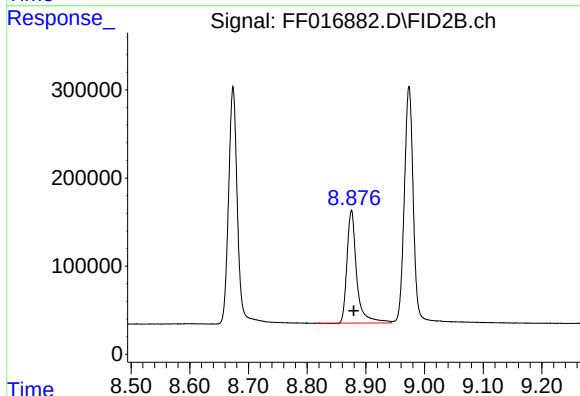
# #5 Acenaphthylene (C15.06)

R.T.: 8.674 min  
Delta R.T.: -0.004 min  
Response: 2832764  
Conc: 20.71 ug/ml

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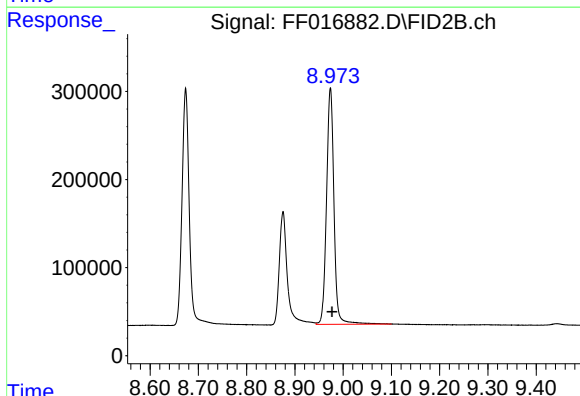
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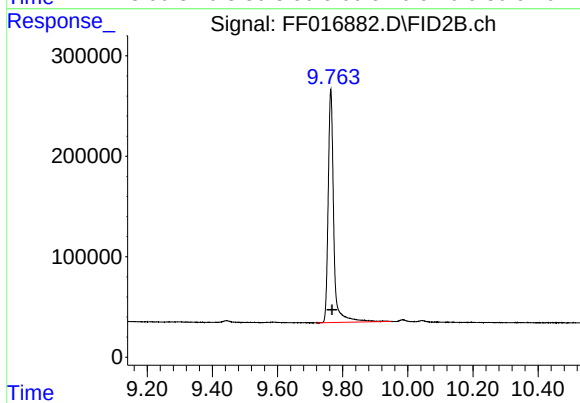
# #6 2-Fluorobiphenyl (SURR)

R.T.: 8.875 min  
Delta R.T.: -0.004 min  
Response: 1477946  
Conc: 20.85 ug/ml



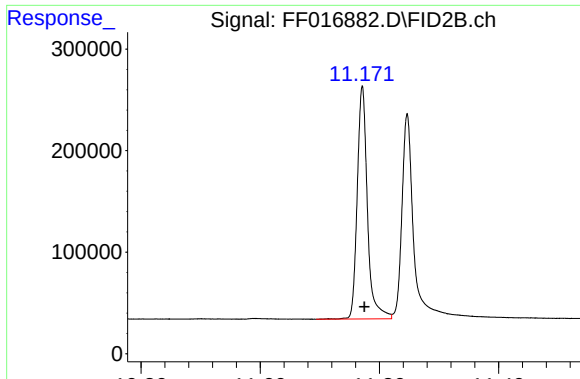
# #7 Acenaphthene (C15.5)

R.T.: 8.974 min  
Delta R.T.: -0.003 min  
Response: 2886207  
Conc: 20.11 ug/ml



# #8 Flouorene (C16.55)

R.T.: 9.764 min  
Delta R.T.: -0.004 min  
Response: 2750060  
Conc: 20.72 ug/ml



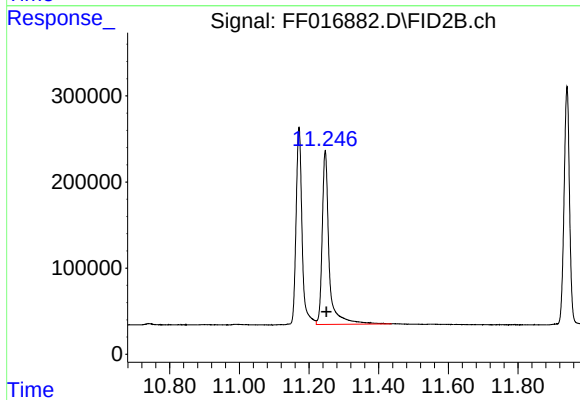
#9 Phenanthrene (C19.36)

R.T.: 11.171 min  
Delta R.T.: -0.003 min  
Response: 2726371  
Conc: 20.99 ug/ml

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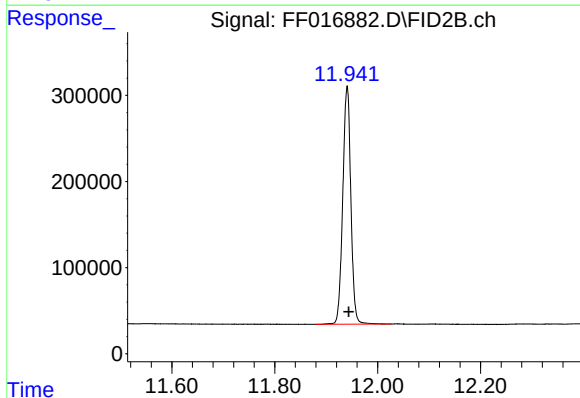
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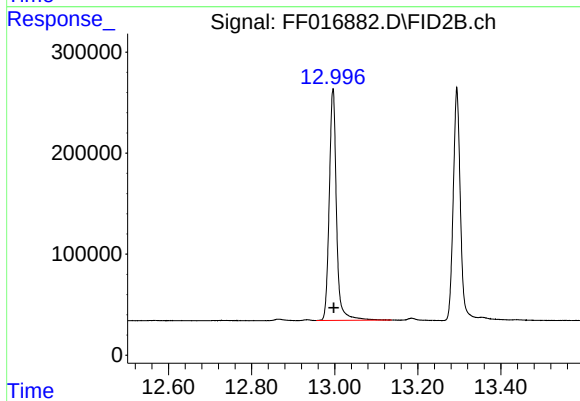
#10 Anthracene (C19.43)

R.T.: 11.247 min  
Delta R.T.: -0.003 min  
Response: 2801978  
Conc: 22.02 ug/ml



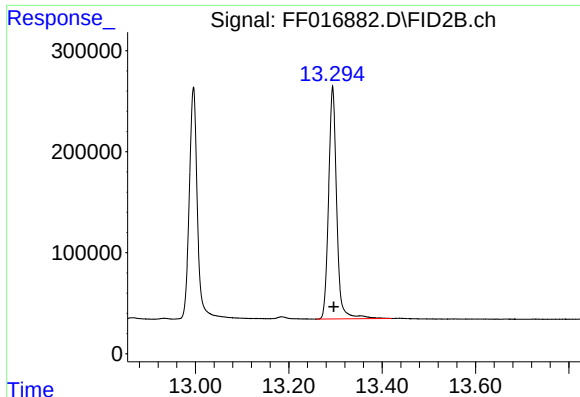
#11 ortho-Terphenyl (SURR)

R.T.: 11.941 min  
Delta R.T.: -0.003 min  
Response: 3016770  
Conc: 20.50 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.996 min  
Delta R.T.: -0.002 min  
Response: 2774305  
Conc: 21.14 ug/ml



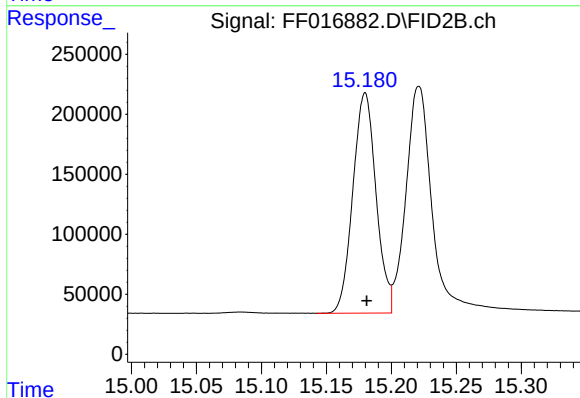
#13 Pyrene (C20.8)

R.T.: 13.294 min  
Delta R.T.: -0.002 min  
Response: 2783306  
Conc: 21.13 ug/ml

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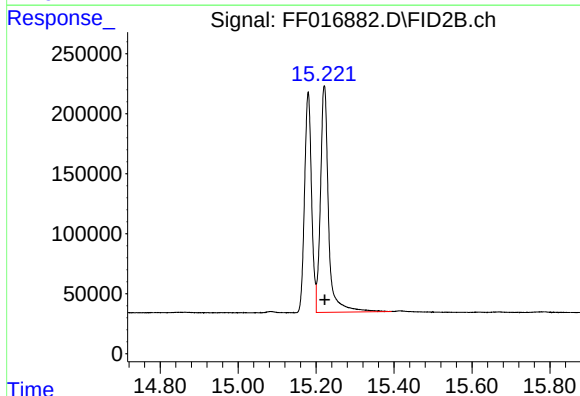
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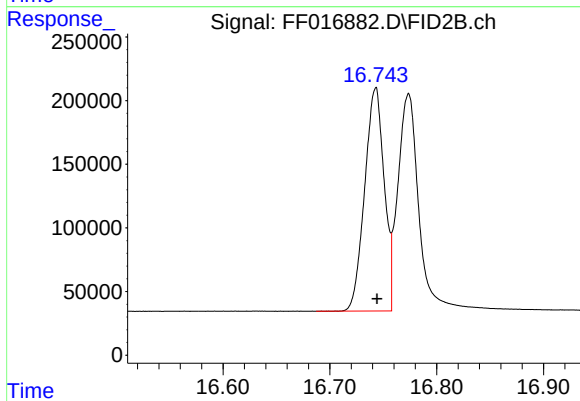
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.180 min  
Delta R.T.: -0.001 min  
Response: 2276105  
Conc: 21.14 ug/ml



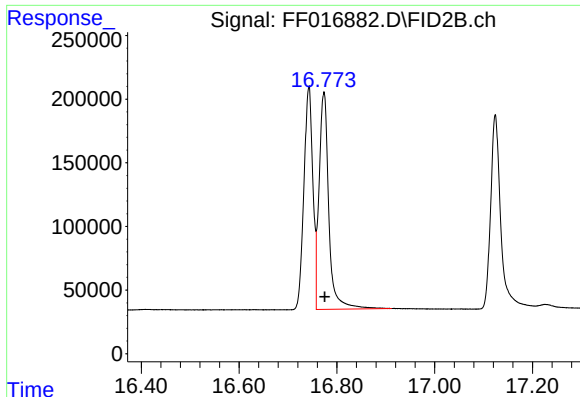
#15 Chrysene (C27.41)

R.T.: 15.221 min  
Delta R.T.: -0.001 min  
Response: 2732536  
Conc: 19.75 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.743 min  
Delta R.T.: -0.002 min  
Response: 2221607  
Conc: 18.81 ug/ml



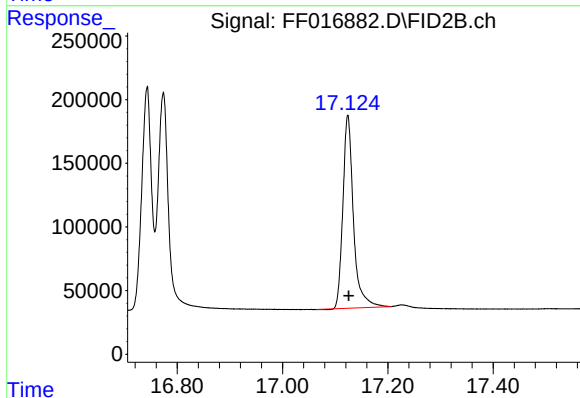
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.773 min  
Delta R.T.: -0.001 min  
Response: 2359059  
Conc: 18.30 ug/ml

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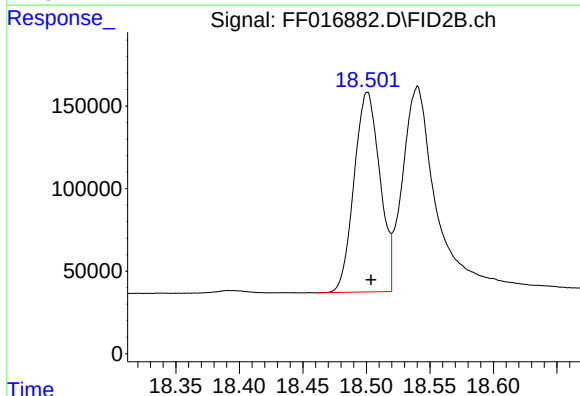
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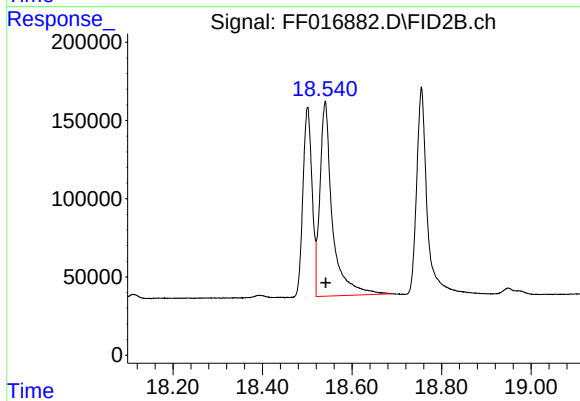
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.124 min  
Delta R.T.: -0.002 min  
Response: 2112847  
Conc: 17.57 ug/ml



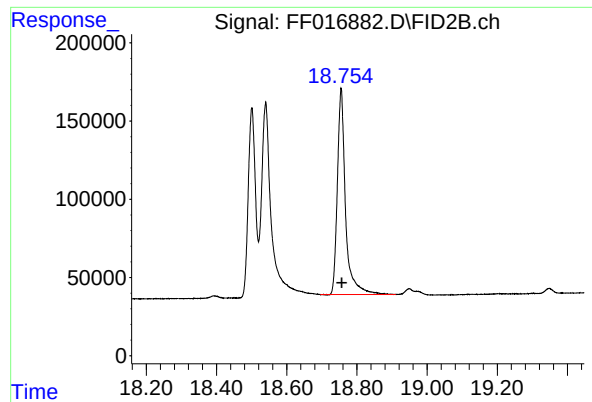
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.501 min  
Delta R.T.: -0.003 min  
Response: 1710162  
Conc: 17.30 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 18.540 min  
Delta R.T.: -0.001 min  
Response: 2394342  
Conc: 15.16 ug/ml m



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.755 min  
Delta R.T.: -0.002 min  
Response: 2125985  
Conc: 16.74 ug/ml

Instrument :

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